

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 10	
2. Amendment/Modification No. 0001		3. Effective Date 2003JUN20		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By Code W52P1J HQ JMC AMSJM-CCA-R MITZI WAGNER (309)782-4657 ROCK ISLAND, IL 61299-6000 BLDG 350 EMAIL: WAGNERM@OSC.ARMY.MIL		7. Administered By (If other than Item 6) Code <div>SCD PAS ADP PT</div>					
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)				<input checked="" type="checkbox"/>		9A. Amendment Of Solicitation No. DAAA09-03-R-0033	
						9B. Dated (See Item 11) 2003JUN12	
				<input type="checkbox"/>		10A. Modification Of Contract/Order No.	
						10B. Dated (See Item 13)	
Code		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required)							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/>		A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A. The Changes Set Forth In Item 14 Are Made In					
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print)			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;"> PIIN/SIIN DAAA09-03-R-0033 MOD/AMD 0001 </p>	<p style="text-align: center;">Page 2 of 10</p>
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Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

NSN: 1315012379775
P/N: 9205472

1. THE DELIVERY SCHEDULES OF CLINS 0001AA THROUGH 0001AE ARE REVISED PER SECTION B, SUPPLIES/SERVICES.
2. THE FOLLOWING CHANGES/INCORPORATIONS ARE MADE TO THE SOLICITATION:

PAGE 22, CLAUSE E-7d, ADD "MCPD" AS A RECIPIENT OF THE CONTRACTOR'S FAAT REPORT

PAGE 36, CLAUSE I-74c, CHANGE THE 60 DAY NOTIFICATION PERIOD TO 120 DAYS
3. ATTACHMENT 014 "ADDRESSES" IS REVISED
4. EXHIBIT A "DD FORM 1423/CDRL" IS REVISED
5. THE FOLLOWING CLAUSE IS ADDED TO SECTION C:

STATEMENT OF WORK - STATISTICAL PROCESS CONTROL
52.246-4506 OSC (February 1999)
In accordance with DI-MGMT-80004 and contract clause 52.246-4506, the following supplemental information shall be considered and used when designing your general and detailed SPC plans.

1.0 General Management Plan
This section shall define management's SPC responsibilities and involvement and shall include management's commitment to continuous process improvement. The plan shall embrace a total commitment to quality and shall be capable of standing on its own merit.

1.1 Policy/Scope: Describe the Contractor's policy for applying SPC, including goals and management commitment to SPC.

1.2 Applicable Document: List documents that are the basis for the contractor's SPC program (i.e., ANSI standard, textbooks, Government documents).

1.3 SPC Management Structure: Define the SPC management structure within the organization. Identify and include interrelationships of all departments involved in SPC (i.e., Production, Quality, Engineering, Purchasing, etc.) Identify by job title or position all key personnel within departments involved in the application of SPC. Describe which functions are performed by key personnel and when these functions are performed (i.e., include personnel responsible for performing inspections/audits, charting and interpreting data; personnel responsible for determining, initiating and implementing corrective action upon detecting assignable causes, etc.)

1.4 SPC Training: Identify by job title or position the primary individual responsible for overseeing that SPC training is accomplished. Describe the qualification program required and in use for all personnel utilizing SPC techniques, including the qualification of trainers. Identify who is to be trained and the type, extent and length of such training (i.e., on-the-job, classroom, etc.). Identify when refresher training is required and how personnel using SPC techniques are monitored.

1.5 Manufacturing Controls: Identify the criteria for performing SPC gage capability studies and describe how and when these studies are applied. Repeatability and accuracy of gages should be addressed.

1.6 Determination of SPC Use: Describe how the process/operation parameters are determined appropriate for SPC application and explain what actions are taken if SPC is not deemed appropriate for critical, special and major process/operation parameters (i.e., Pareto analysis; analysis of characteristics with tight tolerances, etc.)

1.7 Process Stability and Capability:

- a. Identify the criteria for performing process capability studies and describe how and when these studies are applied. Describe how the process capability index is calculated and include the frequency of these calculations. Describe what actions are taken as a result of each process capability study. Describe the contractor's methodologies when process capability is for variable and attribute data. To determine a capable process, the process/operation parameters shall meet the following requirements:
 - (1) Variable Data: Process capability (Cp) shall be determined. Process performance index shall be greater than or equal to 1.33 (Cpk). For critical parameters/characteristics, the process performance index shall be greater than or equal to 2.0 (Cpk).
 - (2) Attribute Data: Process capability/performance shall be the percent beyond the upper/lower specification limit less than or equal to .003 percent (Cpk=1.33).
- b. Describe what actions will be taken if process/operation is sub-marginal or marginal. (Cpk less than 1.33 or 2.0 for criticals) or grand average fraction defective is greater than .003 percent).
- c. Include analysis of statistical distributions and define all formulas and symbology utilized.

1.8 Control Chart Policy:

- a. Type of charts to be used (i.e., \bar{x} bar/R \bar{x} bar/S, etc.) and rationale for use; the criteria for selection of sample size, frequency of sampling and rational subgroups.
- b. Procedures for establishing and updating control limits, including frequency of adjustments.
- c. Criteria for determining out-of-control conditions (i.e., trends, points beyond control limits, etc.) and the corrective action taken; to include failure analysis when the process is unstable or when nonconforming product has resulted from unstable processes. Illustrate out-of-control tests.
- d. Describe the method of recording pertinent facts on control charts such as changes in raw materiel, machines, manufacturing methods and environment, and corrective actions taken and describe how control charts are traceable to the product.

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Name of Offeror or Contractor:

1.9 Vendor/Subcontractor Purchase Controls: Identify whether suppliers are required to utilize SPC and describe the extent the vendor's policies and procedures are consistent with in-house procedures of the prime contractor. Describe the following: methods utilized to determine that suppliers have adequate controls to assure defective product is not produced and delivered; the system utilized to audit suppliers, what will be audited and how often; what action will be taken when out-of-control conditions exist at subcontractor/vendor facilities.

1.10 SPC Audit System: At a minimum, the contractor's SPC Audit System shall consist of auditing compliance with the planned arrangements specified in the general and detailed SPC plans followed by a review and analysis of the outcome to include implementation of necessary corrective action.

1.11 SPC Records: Identify various records to be used in support of SPC and describe their use. Identify retention periods.

2.0 Detailed Plan:

This section shall detail specific manufacturing process/operation parameters under control.

2.1 Control of Process/Operation Parameters or Characteristics:

a. Identify the following for each process/operation by name or characteristic under control:

(1) Identify process/operation by name or characteristic and provide rationale for selection; justification for nonselection if the parameter or characteristic is identified as critical, special and/or major.

(2) Describe how the characteristic is produced; the chain of events, type and number of machines involved, location of manufacturing facility, tolerances maintained, etc.

(3) Production and inspection machinery used. Include the production rate, number of shifts and length of shifts plus whether inspection is fully or semi-automatic or manual. If manual, identify the type of gages in use.

(4) Identify the type of charts to be maintained and whether the process/operation is performed in-house or subcontracted out; identify facility/vendor where process/operation parameters are targeted for SPC.

2.2 Reduction or Elimination of Inspection/Test:

The Procuring Contracting Officer (PCO) will accept submissions of requests for reduction or elimination of final acceptance inspection/testing when the requirements of the SPC contract clause and this SOW are met. Each request shall contain and/or address the following: control charts documenting twenty (20) consecutive production shifts or more for the same process/operation parameter under control; type of control chart utilized; control chart limits and process average or grand average fraction defective (as applicable); definition of out-of-control condition and corrective actions taken during out-of-control conditions; specification and part number.

(End of Clause)

(CS0100)

*** END OF NARRATIVE A 002 ***

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	<p><u>PRODUCTION QUANTITY</u></p> <p>FSCM: 19203 PART NR: 9205472 SECURITY CLASS: Unclassified</p> <p><u>With First Article Approval</u></p> <p>Delivery Shall be FOB Carrier's Equipment, Wharf or Freight Station (at the Government's option) at or near the Contractor's plant a specified city or shipping point.</p> <p><u>Without First Article Approval</u> (Delivery of 0001AA & 0001AB, & 0001AC Not Required)</p> <p>Delivery Shall be FOB Carrier's Equipment, Wharf or Freight Station (at the Government's option) at or near the Contractor's plant at a specified city of shipping point.</p> <p style="text-align: center;">(End of narrative B001)</p>	276822	EA	\$ _____ \$ _____ \$ _____	\$ _____ \$ _____ \$ _____
0001AA	<p><u>FIRST ARTICLE</u></p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin Government Approval/Disapproval Days: 45</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL_CD MILSTRIP ADDR_ SIG_CD MARK FOR TP_CD</u> 001 3 <u>DEL REL_CD QUANTITY DEL DATE</u> 001 1 20-FEB-2004</p> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (Z55555) SEE SECTION E</p>				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	<p>20 FEBRUARY 2004 IS THE DATE FOR FIRST ARTICLE APPROVAL. IT INCLUDES THE 45 DAYS REQUIRED BY THE GOVERNMENT FOR TESTING. THEREFORE, TEST SAMPLES SHOULD BE PROVIDED TO THE GOVERNMENT TEST SITE NO LATER THAN 9 JANUARY 2004.</p> <p>(End of narrative F001)</p> <p><u>PRODUCTION QUANTITY</u></p> <p>NOUN: M67 PROP CHARGE PRON: R12A0H29M2 PRON AMD: 01 AMS CD: 41472790041</p> <p>SHIPPING INSTRUCTIONS FOR CLIN 0001AB: UPON RECEIPT PLACE STOCK IN THE MHQ ACCOUNT</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</u> 001 N0016421993468 W44XMF M 2 <u>DEL REL CD QUANTITY DEL DATE</u> 001 22,500 28-MAY-2004</p> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (W44XMF) XR W390 MCALESTER ARMY AMMO PLANT WHOLESALE SUP ACCT MCALESTER OK 74501-5000</p>				
0001AC	<p><u>PRODUCTION QUANTITY</u></p> <p>NOUN: M67 PROP CHARGE PRON: HH3G0038M2 PRON AMD: 02 AMS CD: 41374220020</p>				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Packaging and Marking Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W52P1J3036A710 W44XMF M 3 DEL REL CD QUANTITY DEL DATE 001 10,000 30-JUN-2004 002 10,000 30-JUL-2004 003 10,000 31-AUG-2004 004 10,000 30-SEP-2004 005 10,000 29-OCT-2004 006 10,000 30-NOV-2004 007 10,000 30-DEC-2004 008 10,000 31-JAN-2005 009 10,000 28-FEB-2005 010 10,000 30-MAR-2005 011 10,000 30-APR-2005 012 10,000 30-MAY-2005 013 7,161 30-JUN-2005 FOB POINT: Origin SHIP TO: PARCEL POST ADDRESS (W44XMF) XR W390 MCALESTER ARMY AMMO PLANT WHOLESALE SUP ACCT MCALESTER OK 74501-5000 DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 002 W52P1J3036A711 W22PVK M 3 DEL REL CD QUANTITY DEL DATE 001 10,000 30-JUN-2004 002 10,000 30-JUL-2004 003 10,000 31-AUG-2004 004 10,000 30-SEP-2004 005 10,000 29-OCT-2004				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AD	00610,00030-NOV-2004				
	00710,00030-DEC-2004				
	00810,00030-JAN-2005				
	00910,00028-FEB-2005				
	01010,00030-MAR-2005				
	01110,00030-APR-2005				
	01210,00030-MAY-2005				
	0137,16130-JUN-2005				
	FOB POINT: Origin				
	SHIP TO: <u>PARCEL POST ADDRESS</u> (W22PVK) XU MUNITIONS STORAGE POINT BLUE GRASS ARMY DEPOT 2091 KINGSTON HWY RICHMOND KY 40475-5000				
	<u>PRODUCTION QUANTITY WITHOUT FIRST ARTICLE/OV</u>				
	NOUN: M67 PROP CHARGE PRON: R12A0H29M2 PRON AMD: 01 AMS CD: 41472790041				
	SHIPPING INSTRUCTIONS FOR CLIN 0001AD: UPON RECEIPT PLACE STOCK IN THE MHQ ACCOUNT (End of narrative B001)				
	<u>Packaging and Marking</u>				
	<u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin				
	<u>Deliveries or Performance</u> DOC SUPPL <u>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</u> 001 N0016421993468 W44XMF M 2 <u>DEL REL CD QUANTITY DEL DATE</u> 001 22,500 30-JAN-2004				
	FOB POINT: Origin				
	SHIP TO: <u>PARCEL POST ADDRESS</u> (W44XMF) XR W390 MCALESTER ARMY AMMO PLANT WHOLESALE SUP ACCT				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AE	MCALESTER OK 74501-5000				
	<u>PRODUCTION QUANTITY WITHOUT FIRST ARTICLE/OV</u>				
	NOUN: M67 PROP CHARGE				
	PRON: HH3G0038M2 PRON AMD: 02				
	AMS CD: 41374220020				
	<u>Packaging and Marking</u>				
	<u>Inspection and Acceptance</u>				
	INSPECTION: Origin ACCEPTANCE: Origin				
	<u>Deliveries or Performance</u>				
	DOC SUPPL				
	<u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR</u> <u>TP CD</u>				
	001 W52PlJ3036A710 W44XMF M 3				
	<u>DEL REL CD</u> <u>QUANTITY</u> <u>DEL DATE</u>				
	001 10,000 28-FEB-2004				
	002 10,000 31-MAR-2004				
	003 10,000 28-APR-2004				
	004 10,000 30-MAY-2004				
	005 10,000 30-JUN-2004				
	006 10,000 30-JUL-2004				
	007 10,000 31-AUG-2004				
	008 10,000 30-SEP-2004				
	009 10,000 30-OCT-2004				
	010 10,000 30-NOV-2004				
	011 10,000 30-DEC-2004				
	012 10,000 30-JAN-2005				
	013 7,161 28-FEB-2005				
	FOB POINT: Origin				
	SHIP TO: <u>PARCEL POST ADDRESS</u>				
	(W44XMF) XR W390 MCALESTER ARMY AMMO PLANT				
	WHOLESALE SUP ACCT				
	MCALESTER OK 74501-5000				
	DOC SUPPL				

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div><div><div><div>REL CD</div><div>MILSTRIP</div><div>ADDR</div><div>SIG CD</div><div>MARK FOR</div><div>TP CD</div></div><div>002 W52P1J3036A711 W22PVK M 3</div></div><div><div><div>DEL REL CD</div><div>QUANTITY</div><div>DEL DATE</div></div><div>001 10,000 30-MAR-2004</div><div>002 10,000 28-APR-2004</div><div>003 10,000 30-MAY-2004</div><div>004 10,000 30-JUN-2004</div><div>005 10,000 30-JUL-2004</div><div>006 10,000 30-AUG-2004</div><div>007 10,000 30-SEP-2004</div><div>008 10,000 30-OCT-2004</div><div>009 10,000 30-NOV-2004</div><div>010 10,000 30-DEC-2004</div><div>011 10,000 30-JAN-2005</div><div>012 10,000 28-FEB-2005</div><div>013 7,161 30-MAR-2005</div></div></div> <div>FOB POINT: Origin</div> <div>SHIP TO: <u>PARCEL POST ADDRESS</u> (W22PVK) XU MUNITIONS STORAGE POINT BLUE GRASS ARMY DEPOT 2091 KINGSTON HWY RICHMOND KY 40475-5000</div>				

Name of Offeror or Contractor:

SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit A	DD FORM 1423 / CONTRACT DATA REQUIREMENTS LIST (CDRL)	20-JUN-03	005	
Attachment 014	ADDRESSES	20-JUN-03	001	